

## ABSTRACT

**Method and device for image and video transmission over low-bandwidth and high-latency transmission channels**

5       The present invention provides a method for transmission of a images and/or video over bandwidth limited transmission channels having varying available bandwidth, which method comprises the use of a classification algorithm for

- decomposing the images and/or video to be transmitted into multiple
- 10 spatial areas, each area having a specific image type;
- detecting the image type of each of those areas
- separately selecting for each of those areas an image and/or video encoding algorithm having a compression ratio.

The classification algorithm prioritizes each of the areas, the classification

15 algorithm increasing the compression ratio of the image and/or video encoding algorithm dedicated to spatial areas having lower priority in case of decreasing bandwidth.